

中国蕨类植物的一些新分类群

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MATERIAE AD FLORAM FILICUM SINENSIIUM

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Abstract

The present paper aims at validating a number of new taxa of the fern families *Aspidiaceae*, *Lomariopsidaceae* and *Bolbitidaceae* from tropical regions of China as part of Flora Reip. Pop. Sin. Vol. 5. The types of all taxa described here are preserved in the Herbarium, Institute of Botany, Academia Sinica, Beijing (PE).

摘要

在编写《中国植物志》第五卷过程中,发现三叉蕨科、实蕨科和藤蕨科的一些新分类群,预发表。模式标本均存中国科学院植物研究所。

密叶实蕨 新种

Bolbitis confertifolia Ching, sp. nov.

Species ex affinitate *B. heteroclita* (Presl) Ching, differt rhizomate erecto, cylindrico ca. 12 cm alto, 1.5 cm diam., infra apicem frondibus 6—8 subfasciculatis, pinnis lateralibus usque ad 5-jugis, venis lateralibus oblique patentibus.

Tota planta 50—60 cm alta. Rhizomate erecto cylindrico, ca. 12 cm alto. 1.5 cm diam., paleis firmis ovato-lanceolatis acuminatis fusco-brunneis margine brunneis integris appressis vestito. Frondibus 6—8 infra apicem rhizomatis fasciculatis, stipite 20—25 cm longo, 2.5 mm diam. stramineo, basi dense paleaceo, sursum subglabro; lamina sterili 35—45 cm longa, usque ad 12 cm lata, oblonga, pinnata; pinnis 4—5-jugis, oppositis, oblique patentibus inter se 6 cm distantibus, 12—15 cm longis, 2.5—3 cm latis, lanceolatis acuminatis, basi cuneatis subsessilibus, margine integris vel subundulatis; venis lateralibus subtus distinctis, oblique patentibus, fere 1 cm inter se distantibus, venulis areolatis exappendiculatis. Pagina frondis herbacea, in sicco obscure viridi. Fronde fertili deest.

Yunnan austr.: Xishuangbanna, Damenglong, in forest, Yunnan Complex Exped. (云南

综考队) 1851 (typus), 1958.

本种产云南南部西双版纳, 体形近长叶实蕨 *B. heteroclita* (Presl) Ching, 但根状茎直立, 圆柱形, 高达 12 厘米, 顶部有 6—8 片叶片近簇生, 侧生羽片多达 6 片, 侧脉斜上, 易于区别。

河口实蕨 新种

Bolbitis hekouensis Ching, sp. nov.

Species habitu arete affinis *B. subcordatae* (Cop.) Ching, differt statura minore textura crasse herbacea, areolis venularum sine venulis inclusis.

Tota planta 35—50 cm alta. Rhizomate brevi, ca. 1 cm diam., frondibus subfasciculatis, stipite 15—18 cm longo, ca. 3 mm diam., uti rachi sat dense paleaceo, paleis lanceolatis fusco-brunneis, ca. 4 mm longis integris; lamina oblonga, 25—35 cm longa, 12—16 cm lata, acuminata, sub apicem pinnatifidum gemmiferumque. pinnata; pinnis liberis 6—7-jugis, patentibus, spatio lato separatis, ambitu omnino fere similibus, infimis oppositis, breviter petiolatis, lanceolatis, 8—10 cm longis, 1.5—2 cm latis, longe acuminatis, basi rotundatis, margine crenatis, interdum breviter cuspidatis; venis lateralibus vix distinctis, obliquis, venulis intermediis anastomosantibus, areolis supra basali 3-seriatis, exappendiculatis. Pagina frondis in sicco crasse herbacea, obscure viridi, rachi et costis subtus sat dense paleacea ceterum glabra. Lamina fertili sterili aequilonga, valde contracta, pinnis 3—4 cm longis, ca. 5 mm latis, lanceolatis, integris, rachi et costis subtus sat dense paleacea.

Yunnan austr.-orient.: Hekou, S. K. Wu (武素功) 4056 (typus); K. H. Tsai 748, under rain-forest, limestone.

本种产云南东南部河口, 体形近华南实蕨 *B. subcordata* (Cop.) Ching, 但较小, 叶为坚革质, 叶脉网眼内无内藏小脉, 易于区别。

中型实蕨 新种

Bolbitis media Ching et C. H. Wang, sp. nov.

Species ex affinitate *B. subcordatae* (Cop.) Ching, differt statura minore, stipite tenuiore, pinnis lateralibus minoribus, subintegris, herbaceis, venis lateralibus subtus vix distinctis.

Tota planta 30—40 cm alta. Rhizomate brevi, sparse paleaceo. Frondibus caespitosis, sterilibus stipite 12—15 cm longo, ca. 1.5 mm diam., stramineo, supra basin glabro; lamina subovata, 20—25 cm longa, 15—20 cm lata, impari-pinnata; pinnis lateralibus 4—5-jugis, ambitu similibus, 10—12 cm longis, 1.5—2 cm latis, lanceolatis, acuminatis, basi subrotundatis, breviter petiolatis, margine integris subundulatis, remote setaceous, pinna terminali libera, prolongata, margine undulata; venis lateralibus subtus vix distinctis, ca. 5 mm inter se distantibus, venulis intermediis anastomosantibus, areolis supra basalem unum majorem 3-seriatis, venulis inclusis simplicibus brevibus. Pagina frondis in sicco herbacea, obscure viridi glabra. Fronde fertili sterili fere aequilonga, stipite ca. 25 cm longo, tenui, lamina valde contracta, 12 cm longa, pinnis 3—4-jugis, 2.5—3 cm longis, 3 mm latis, lanceolatis, fusco-brunneis.

Guangdong: Hainan, Wanning, Chong-yi (钟义) 3952 (typus).

本种产广东海南岛, 体形近华南实蕨 *B. subcordata* (Cop.) Ching, 但较小, 叶柄纤

细，侧生羽片较小，近全缘，革质，侧脉下面不明显，易于区别。

宽羽实蕨 新种

Bolbitis latipinna Ching, sp. nov.

Species insignis, proxime affinis *B. yunnanensi* Ching, differt pinnis sterilibus lateralibus 4—5-jugis, basin versus subrotundatis, sessilibus (infimis breviter petiolatis), venis lateralibus subhorizontaliter patentibus, pinnis fertilibus linearibus, ad 20 cm longis 5 mm latis.

Tota planta 50—70 cm alta. Rhizomate brevi, ca. 1 cm diam., apice paleis fusco-brunneis, ca. 4 mm longis, anguste lanceolatis dense oblecto. Frondibus subfasciculatis, sterilibus stipite 30—35 cm longo, 4 mm diam., pallide stramineo, fere glabro; lamina oblonga, 30—35 cm longa, 20—25 cm lata, imparipinnata; pinnis 4—5-jugis, alternis, oblique patentibus, approximatis, ambitu omnino similibus, 18—20 cm longis, 5—6 cm medio latis, oblongo-lanceolatis, longe acuminatis, basin versus subrotundatis sessilibusque (infimis breviter petiolatis), margine incrassatis praecipue ad apicem et minute remoteque cuspidato-serrulatis, pinna terminali ambitu simili, petiolata, sub apicem gemmifera. Venis lateralibus tenuibus, distinctis, subhorizontaliter patentibus, 6—7 mm inter se distantibus, venulis anastomosantibus, areolis supra basalem 3—4-seriatis, venulis inclusis sat longis praesentibus. Pagina frondis in sicco tenuiter chartacea, viridi. Fronde fertili stipite usque ad 60 cm longo, lamina ca. 36 cm longa, pinnis valde contractis, linearibus, ad 20 cm longis, 5 mm latis, inter se ca. 6 cm distantibus.

Yunnan austr.: Xishuangbanna, C. W. Wang (王启无) 78807 (typus), under dense forest. alt. 860m, Sept. 1936.

一个突出的种，产云南南部西双版纳，略近云南实蕨 *B. yunnanensis* Ching，但不育羽片 4—5 对，基部近圆形，无柄（基部 1 对有短柄），侧脉近平展，能育羽片线形，长达 20 厘米，易于区别。

附着实蕨 新种

Bolbitis scandens W. M. Chu, sp. nov.

A *B. yunnanensi* Ching differt rhizomate scandente (usque ad 2—3 m alto), pinnis sterilibus sessilibus basi rotundo-cuneatis, in sicco obscure-viridis, venis lateralibus subtus prominente elevatis.

Scandens. Rhizomate usque ad 2—3 m alto (fide collectoribus), apice frondes emittente. Paleis rhizomatis densis fusco-brunneis, margine brunneis, 3—4 mm longis, lanceolatis integris. Fronde sterili stipite 16—20 cm longo, 4 mm diam., stramineo supra basin glabro suffulto; lamina ambitu ovata, 30—40 cm longa, 20—25 cm lata, imparipinnata; pinnis lateralibus 2—3-jugis, patentibus, subalternis, oblongo-lanceolatis, 16—18 cm longis, 4—5 cm latis, longe acuminatis, basi rotundo-cuneatis, sessilibus, margine subundulatis; venis lateralibus subtus distinctis elevatis, 6—7 mm inter se remotis, venulis anastomosantibus, areolis supra basalem 3—4-seriatis, venulis inclusis paucis. Pagina frondis in sicco firme chartacea, obscure viridi. Fronde fertili sterili conformi, minore; pinnis 3—4-jugis, lanceolatis, 10—12 cm longis 2—2.5 cm latis, late lanceolatis, acuminatis sessilibus, margine crenatoundulatis; sporangiis totam laminae superficiem dorsalem dense tegentibus.

Yunnan austr.: Luchun, Great Black Mountain, W. M. Chu et al. (朱维明, 孙吉良, 李卫东) 6733 (typus), climbing, 2—3m high.

本种产云南南部绿春, 不同于云南实蕨 *B. yunnanensis* Ching 在于根状茎附着树干, 高达 2—3 米, 不育羽片无柄, 基部圆楔形, 干后褐绿色, 侧脉下面明显隆起, 易于区别。

云南实蕨 新种

Bolbitis yunnanensis Ching, sp. nov.

Species configuratione *B. hainanensi* Ching et C. H. Wang similis, differt lamina sterili textura in sicco chartacea viridi, pinnis minoribus basin versus gradatim angustatis cuneatisque.

Tota planta 50—70 cm alta. Rhizomate breviter repente, ca. 1 cm diam., paleis lanceolatis, brunneis, 3 mm longis dense vestito. Frondibus approximatis, stipite fertile 30—45 cm longo, ca. 3 mm diam., stramineo, supra basin glabro, lamina ovata, 25—35 cm longa, 20—25 cm lata, imparipinnata; pinnis lateralibus 3—5-jugis, alternis, oblique patentibus, approximatis, ambitu similibus, oblongo-lanceolatis, 18—22 cm longis, 4—5 cm medio latis, caudato-acuminatis, basin versus gradatim angustatis cuneatisque, margine subundulatis, petiolo usque ad 1 cm longo, pinna terminali simili petiolata; venis lateralibus tenuibus, oblique patentibus, ca. 6 mm distantibus, venulis anastomosantibus, areolis supra basalem 2—3-seriatis, venulis inclusis paucis aut nullis. Pagina frondis in sicco chartacea viridi, glabra. Fronde fertili stipite 30—50 cm longo, stramineo, lamina 12—25 cm longa, 10—14 cm lata, pinnis 2—5-jugis, lanceolatis, 6—10 cm longis, 1—1.5 cm latis, acuminatis basi anguste cuneatis petiolatisque, sporangiis totam laminae superficiem dorsalem dense tegentibus.

Yunnan austr.: Simao, Putengba, in dense forest, R. C. Ching (秦仁昌), s. n., March 1956.

本种产云南南部思茅, 体形如厚叶实蕨 *B. hainanensis* Ching et C. H. Wang, 不育叶干后草质, 绿色, 羽片较小, 向基部渐变狭, 楔形, 易于区别。

厚叶实蕨 新种

Bolbitis hainanensis Ching et C. H. Wang, sp. nov.

Species affinis *B. cadieri* (Christ) Ching, differt pinnis subcoriaceis, distincte petiolatis (petiolo usque ad 8 mm longo), basi cuneatis, margine distincte undulatis, increassatis, veins lateralibus elevatis, areolis inter venas 3-seriatis, exappendiculatis.

Tota planta ca. 50 cm alta. Stipite ca. 30 cm longo, 4 mm diam. brunnescente stramineo, supra basin glabro. Lamina ovato-oblonga, 25—30 cm longa, 20—25 cm lata, pinnata; pinnis lateralibus 2—3-jugis, obliquis, contiguis, ambitu similibus, basalibus oppositis, oblongo-lanceolatis, 20—25 cm longis, 4.5 cm medio latis, petiolo usque ad 8 mm longis, apice longe acuminatis, basi cuneatis margine incrassatis, distincte undulatis, pinna terminali magnitudine lateralibus simili; venis lateralibus distinctis, oblique patentibus, 5—6 mm inter se distantibus, venulis inter venas areolis 3-seriatis exappendiculatis formatis. Pagina frondis subcoriacea in sicco brunnescenti, utraque glabra. Pinnis fertilibus lanceolatis, 6—10 cm longis, 1—1.5 cm latis, subtus sporangiis omnino tectis.

Guangdong: Hainan, C. Wang (黄志) 35870 (typus), in dense forest, 27. Dec. 1933.

本种产广东海南岛,近越南的卡地实蕨 *B. cadieri* (Christ) Ching, 但羽片近革质,有明显的柄(长达 8 毫米),基部楔形,边缘呈明显波状,加厚,侧脉隆起,网脉 3 行,无内藏小脉,易于区别。

圆齿刺蕨 新种

Egenolfia crenata Ching et Chiu, sp. nov.

Species ex affinitate *E. appendiculatae* (Willd.) J. Sm., differt fronde sterili multo majore, usque ad 50 cm alta, 10 cm lata, pinnis maximis ad 5 cm longis, 1.3 cm latis, apice acutis, fronde fertili sterili magis brevior.

Tota planta 55 cm alta. Rhizomate breviter repente, paleis lanceolatis, rufobrunneis, 3 mm longis sat dense vestito. Frondibus approximatis, sterilibus stipite 20—25 cm longo, basi ca. 2 mm diam., obscure stramineo, parte inferiore sparse paleaceo; lamina oblongo-lanceolata, 30—35 cm longa, 7—10 cm lata, apice abrupte caudata serrata, gemmifera, pinnata; pinnis 20—25-jugis, subalternis, horizontaliter patentibus, approximatis, lanceolatis, sessilibus, inferioribus 4.5—5 cm longis, ca. 1.2 cm latis, apice acutis, basi inaequilateralibus, i.e. postico cuneatis, antico truncatis deltoideo-auriculatisque, marginibus parallelibus, crenatis, sinu una seta sat longa praeditis; venulis visibilibus, pinnatis, 3—4 in quoque crena. Pagina frondis in sicco herbacea, obscure viridi, glabra, utraque racheos latere anguste alata. Fronde fertili sterili multo minore stipite 24 cm longo pallide stramineo, tenui, lamina usque ad 14 cm longa, 3.4 cm lata, pinnis 12—14-jugis, remotis valde contractis, linearibus, horizontaliter patentibus, 1.5—2 cm longis, 1.5—2 mm latis, integris, obtusis, margine integris, subtus sporangiis dispersis.

Yunnan austr.-orient.: Jinping, Yunnan Complex Exped. 892 (typus), 3997, on rocks under dense forest in valley, alt. 950 m.

本种产云南东南部金平,近刺蕨 *E. appendiculata* (Willd.) J. Sm., 但不育叶较大,高达 50 厘米,宽 10 厘米,羽片长达 5 厘米,宽 1.3 厘米,急尖头,能育羽片远缩短,易于区别。

疏裂刺蕨 新种

Egenolfia fengiana Ching, sp. nov.

Species insignis, proxime affinis *E. sinensi* Maxon, differt pinnis lateralibus angustioribus (ca. 1 m latis), spatio lato inter se separatis, margine grosse serratis, serraturis deltoideis obliquis, spatio lato acuto separatis.

Tota planta 40—60 cm alta. Rhizomate longe repente, 4—6 mm diam., paleis rufobrunneis, lanceolatis ca. 3 mm longis sat dense oblecto. Frondibus approximatis, stipite sterili 15—22 cm longo, ca. 3 mm basi diam., stramineo, glabro, lamina oblonga, 24—30 cm longa, 12—15 cm basi lata, longe acuminata sub apicem gemmifera, basi rotundata, subbipinnatifida; pinnis lateralibus liberis 10—15-jugis, subhorizontalibus, alternis vel suboppositis, spatio ca. 1 cm lato separatis, inferioribus usque ad 8.5 cm longis, 1 cm latis, lanceolatis, acuminatis, basi subtruncatis, margine grosse serratis, serraturis deltoideis, obliquis spatio lato acuto separatis, sinu una seta praedita; venulis in serraturis 3-jugis, simplicibus liberisque. Pagina frondis in sicco herbacea, obscure viridi, glabra. Fronde fertili sterili aequilonga, lamina contracta, lanceolata, acu-

minata, usque ad 16 cm longa, 4—5 cm lata; pinnis 10—12-jugis, subhorizontalibus, oblongis, 2—2.5 cm longis, 6—7 mm latis, obtusis, basi rotundo-cuneatis, breviter petiolatis, integris.

Yunnan austr.: Malipo, K. M. Feng (冯国楣) 13758 (typus), in mixed forest, alt, 1600—1800m.

本种产云南东南部麻栗坡, 略近中华刺蕨 *E. sinensis* Maxon, 但羽片较狭(宽约 1 厘米), 具粗锯齿, 锯齿三角形, 斜出, 以宽间隔彼此分开, 故易区别。

厚叶刺蕨 新种

Egenolfia crassifolia Ching, sp. nov.

Species arete affinis *E. sinensis* Maxon, differt pinnis sterilibus textura crasse coriacea, costis venisque lateralibus utraque crassis elevatisque, stipite et costis subtus crassis pallide rubiginose tinctis, sinu una seta crassa longiore praeditis.

Tota planta usque ad 80 cm alta. Rhizomate crasso, 1.6 cm diam., paleis ovato-lanceolatis, rufo-brunneis, ca. 3 mm longis, imbricatim appressis obtecto. Frondibus approximatis, sterilibus stipite ca. 22 cm longo, basi ca. 6 mm diam., robusto, supra basin glabro, pallide rubiginoso; lamina oblonga, ca. 65 cm longa, 25 cm basi lata, parte superiore angusta attenuata simpliciter pinnata, sub apicem gemmifera, parte inferiore bipinnatifida; pinnis pinnatifidis ca. 10—12-jugis, oppositis, patentibus, spatio angusto separatis, inferioribus 10—12 cm longis, 2—2.5 cm medio latis, lanceolatis, acuminatis, basi fere truncatis, breviter petiolatis, 1/2 viae ad costam pinnatifidis; segmentis 15—18-jugis, contiguis aut subimbricatis, oblongis, 6—8 mm longis, 5—7 mm latis, rotundatis margine crenulatis, costis pinnarum subtus valde crassis elevatisque, venis segmentorum subtus distinctis elevatis, venulis 6—7-jugis, obliquis, simplicibus, visibilibus, sinu una seta crassiuscula sat longa praeditis. Pagina frondis in siccio crasse coriacea brunnescente viridi, costis subtus rubiginose tinctis. Fronde fertili ignota.

Yunnan occid.: Lushui, Water Source Survey (南水北调队) 8117 (typus), in wet valley.

本种产云南西部泸水, 很似中华刺蕨 *E. sinensis* Maxon, 但不育叶厚革质, 中肋和侧脉两面粗而隆起, 叶柄和羽轴下面饰有淡紫色晕, 边缘缺刻内有一个较长较粗的刺, 易于区别。

云南刺蕨 杂交种

Egenolfiax yunnanensis Ching et Chiu, sp. nov.

Hybrida spontanea e *Egenolfia sinensi* et *Bolbitis angustipinna* exorta, a anteriore differt solum majore et venulis inter venis lateralibus plerumque unam areolam basalem subtriangularem formantibus.

Tota planta usque ad 1 m alta. Rhizomate repente, 1—1.5 cm diam., paleis fusco-brunneis, ovato-lanceolatis, 2—3 mm longis appressis vestito. Frondibus approximatis, stipite sterilius ca. 25 cm longo, 3.5 mm diam., stramineo, glabro; lamina oblongo-lanceolata, 50—65 cm longa, ca. 20 cm basi lata, sursum gradatim angustata, apice prolongata gemmiferaque, bipinnatifida; pinnis ca. 20-jugis, oblique patentibus, alternis, spatio 1—1.5 cm lato separatis, infimis usque ad 20—22 cm longis, ca. 3 cm latis, lanceolatis, caudato-acuminatis, sub apicem gemma parva praeditis, basi cuneatis, breviter

petiolatis, pinnis superioribus basi rotunde-cuneatis, sessilibus, $1/2$ viae ad costam pinnato-lobatis; lobis numerosis, obliquis, oblongis, 8 mm longis, 6 mm latis, integris; venis lateralibus ca. 10 mm inter se remotis, subtus distinctis, venulis 5—6-jugis, obliquis, simplicibus, infimis unam areolam subtriangularem exappendiculatam formantibus, sed interdum liberis, sinu una seta praeditis. Pagina frondis in sicco chartacea, obscure viridi, glabra. Fronde fertili sterili paulo brevior, stipite ca. 35 cm longo, lamina ca. 20 cm longa, pinnis lanceolatis, 4—6 cm longis, 6—9 mm latis, obtusis, integris, basi rotundo-cuneatis, breviter petiolatis, subtus sporangiis dispersis.

Yunnan austr.: Xishuangbanna, Yunnan Complex Exped. (云南综考队) 5775 (typus), in dense forest, alt. 850m.

一个自然杂交种,产云南南部西双版纳,体形如中华刺蕨 *B. sinensis* Maxon, 但较大,羽片的侧脉之间基部小脉通常形成一个网眼,易于区别。

中华藤蕨 新种

Lomariopsis chinensis Ching, sp. nov.

Species insignis, ex affinitate *L. spectabilis* Mett., a qua differt statura graciliore, pinnis folii fertili multo angustioribus, elongato-linearibus, ad 26 cm longis, 1.2—1.5 cm latis, venis e costa recte patentibus, saepe inter se areolas oblongas formantibus.

Yunnan austr.-orient.: Hekou, Xiaonanxi, Yunnan Complex Exped. (云南综考队) 2790 (typus), in forest along roadside, alt. 300m.

一个突出的种,产云南东南部河口,近藤蕨 *L. spectabilis* Mett., 但体形瘦弱,能育叶的羽片远较狭,长线形,长达 26 厘米,宽 1.2—1.5 厘米,叶脉以直角从羽轴开展,往往交结成一个长圆形网眼,易于区别。

云南网藤蕨 新种

Lomagamma yunnanensis Ching, sp. nov.

Species arcte affinis *L. matthewii* (Ching) Holttum, a qua differt rhizomate paleis patentibus, lanceolatis 1—1.3 cm longis, cineraceis vermiformibus sat dense obtecto, pinnis folii sterili majoribus, usque ad 12 cm longis, 2.2 cm latis, marginibus sub apicem integris, pinna terminali basi articulata, venarum areolis utraque costae latere 3-seriatis.

Rhizomate scandente, 1.2 cm diam., compresso, dorso paleis lanceolatis, patentibus, cineraceis, vermiformibus, 1—1.3 cm longis sat dense obtecto. Frondibus distantibus, sterilibus stipite 25—30 cm longo, 4 mm diam., compresso, stramineo, sparse paleaceo; lamina oblonga, 50 cm longa, 18—20 cm lata, imparipinnata; pinnis 20—25-jugis, patentibus, alternis, sessilibus, contiguis, ambitu omnino similibus, articulatis, 10—12 cm longis, 2—2.2 cm latis, lanceolatis, acuminatis, basi rotundo-truncatis, marginibus praeter apicem serrulatum integris; venulis utraque costae latere anastomosantibus, areolis 3-seriatis. Pagina frondis in sicco herbacea, obscure viridi, glabra. Fronde fertili ignota.

Yunnan austr.-orient.: Without exact locality, Yunnan Complex Exped. (云南综考队) 906 (typus).

本种产云南东南部,体形极似广东网藤 *L. matthewii* (Ching) Holttum, 但根状茎被

相当密的、开展的、长 1—1.3 厘米、灰白色、蠕虫形的鳞片，不育叶的羽片较大，长达 12 厘米，宽 2.2 厘米，顶端以下全缘，顶生羽片以关节着生，羽轴两侧各有网眼 3 行，易于区别。

薄叶轴脉蕨 新组合

Ctenitopsis sasaki (Hay.) Ching et C. H. Wang, comb. nov.

Dryopteris sasaki Hay., Ic. Pl. Form. 6: 158. 1916; Suppl. : 108. 1916; C. Chr. Ind. Fil. Suppl. 3: 97. 1934.

Dryopteris tenuifrons Hay., Ic. Fl. Form. 4: 184, f. 122. 1916, non C. Chr. 1905.

Ctenitis tenuifrons Ching, Bull. Fan Mem. Inst. Biol. Bot. Ser. 8: 280. 1938.

Ctenitis sasaki Ching, Bull. Fan Mem. Inst. Biol. Bot. Ser. 8: 280. 1938.

Ctenitis dissecta H. Ito in Nakai et Honda, Nova Flora Japonica No. 4: 91. 1939; Fil. Jap. Illustr. t. 271. 1944, pro parte.

Ctenitopsis dissecta Tagawa, Acta Phytotax. et Geobot. 8: 97. 1939, non Ching 1938.

Taiwan: Katosho, leg. T. Kawakami et S. sasaki, July 1912.

特产台湾省中部。

三叉蕨属的系统概览

Conspectus generis *Tectariae Sinicae*

1. Sect. **Tectaria** Soris magnis plerumque ad apices venularum inclusarum terminalibus inter venas laterales biseriatim positiss, indusiis magnis persistentibus.
2. Series **Coadunatae** Ching, ser. nov. Venulis utraque costae latere pinnarum unam seriem arcuum angustorum sine vel una venula simplici inclusa praeditis formantibus.
2. Series **Ebeninae** Ching, ser. nov. Venulis utraque costae latere pinnarum unam seriem arcuum angustorum haud formantibus, areolis venulis furcatis inclusis praeditis.
3. Grex **Decurrentes** Ching, grex nov. Lamina deorsum secus stipitem in alam latam fere ad basin decurrente.
3. Grex **Ebeninae** Ching, grex nov. Lamina basi haud decurrente, stipite utraque alis nullis.
1. Sect. **Myriocarpos** Ching, sect. nov. Soris minutis in dorso venulis areolatis aut compitalibus positiss inter venas laterales irregulariter multiseriatis, indusiis parvis plerumque caducis. Typus sect.: *Tectaria polymorpha* (Wall) Copel.
4. Series **Decurrenti-alatae** Ching, ser. nov. Alis utraque stipitis latere plerumque usque ad basin decurrentibus praeditis.
4. Series **Variabiles** Ching, ser. nov. Stipite omnino exalato.
5. Grex **Polymorphae** Ching, grex nov. Pinna terminali lanceolata vel oblonga, lubera, simplici aut trifurcata, ambitu iis posticis uni-jugis simili.
5. Grex **Subtriphylae** Ching, grex nov. Parte apicali laminae pinnatifida pinnis posticis uni-jugis dissimili.